

Abstract of the Disclosure

A method of, and an apparatus for detecting a radial tilt of a disc . Phases of summed signals obtained from signals that external light-receiving units of an octant photo diode receive are compared to generate an external phase comparison signal D_o . Phases of other summed signals obtained from other signals, that internal light-receiving units of the octant photo diode receive, are compared to generate the internal phase comparison signal D_i . The radial tilt is detected based on the internal and external phase comparison signals D_i and D_o obtained when a laser beam crosses a track formed the disc. Thus, the radial tilt can be more precisely detected.